

# Solidity Data Types: Booleans and Integers

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- **Solidity** is a **statically-typed** language (variables type should be specified at declaration).

## Value Types:

- **Boolean** variables: **true** and **false**
  - Initialized by default with **false**.
- **Signed and Unsigned Integers** of various sizes.
  - int8 to int256, uint8 to uint256 in steps of 8.
  - **int8** is between **-128** and **+127**, int16 is between -32768 and +32767 and so on.
  - **int** is alias to int256 and **uint** is an alias to uint256.
  - By default an int is initialized with **zero**.
- There is no full support for float/double (fixed point numbers) in Solidity.